HAZCOR/PROCOR OPTIMA SERIES, PENDANT MOUNT
HID LUMINAIRES

Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

**CAUTION**  Read carefully before installing and wiring the luminaire. These instructions include information for installation in both hazardous and marine locations. Any warning or special instructions should be closely followed. Marine installations on boats should be done in accordance with the regulations of the USCG, CFR46, SUB CHAPTER J, PARTS 110-113. Hazardous area installations should be done in accordance with article 500 and 501 of the NEC. Check the ratings to insure suitability for the area.

**WARNING**  Risk of electrical shock hazard, only qualified personnel should conduct this procedure! Do not make electrical connections with the power ON. Refer to fixture nameplate for minimum supply wire rating.

1. Thread the pendant hood (SC) onto conduit or fitting, tighten securely and lock into position with set screw (9W).
2. Route supply cable thru conduit or fitting.
3. Strip the supply cable(s) jacket (not provided) back approximately 3".
4. Strip the insulation of the supply wires back approximately 3/8".
5. Align the holes in housing (0A) with gasket (7F) and pendant hood (SC) holes. Install bolts (9C) (qty 4, 1/4-20 X 3/4") and washers (9D) & (9P) with nuts (9G), in place and tighten to approximately 5 ft*lbs.

**CAUTION**  Verify that the supply voltage agrees with fixture rating as indicated on nameplate.

6. Bring supply wires into housing (0A). Connect hot (black) lead to terminal block (8C) across from black lead of quick-disconnect (8B). Connect neutral (white) lead to terminal block (8C) across from white lead of quick-disconnect (8B). Connect ground wire to green ground wire (8E) located next to terminal block.
7. Pull excess supply wire out of housing.
8. Mount door assembly (1A) to door hinge on housing. Connect quick-disconnect from housing (8B) to quick-disconnect on door assembly (8A).

**WARNING**  Verify that the H.I.D. lamp complies with lamp specifications on fixture nameplate.

10. Install the proper wattage lamp (not provided) into the lampholder (4A), making sure the center contact of the lamp seats well into the lampholder.

**CAUTION**  Product must be used only with globe intact and fully engaged. Replace cracked or damaged globe prior to use.
11. Thread the glass globe (1C) clockwise into the base (1B), and tighten firmly by hand until the globe stops and seats well against the internal gasket (7B).
12. Slide wire guard (2A) over globe (1C) and align to mounting studs (6A). Install wing nuts (9K) (qty 4, 1/4-20) in place and tighten firmly by hand.

---

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1C</td>
<td>Clear Globe</td>
<td>INX20201H</td>
</tr>
<tr>
<td>1C</td>
<td>Fluted Globe</td>
<td>INX2136</td>
</tr>
<tr>
<td>7B</td>
<td>Globe Gasket</td>
<td>GTK3021-1</td>
</tr>
<tr>
<td>7A</td>
<td>Housing Gasket</td>
<td>GTK7000-41</td>
</tr>
<tr>
<td>2A</td>
<td>Guard</td>
<td>INX1059</td>
</tr>
<tr>
<td>3A</td>
<td>Angled Reflector</td>
<td>INX4567</td>
</tr>
<tr>
<td>3A</td>
<td>Shallow Reflector</td>
<td>INX4568</td>
</tr>
</tbody>
</table>

---

**Option “L” or “N” for Reflector**

Mounting Dimensions

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Cruse-Hinds “Terms and Conditions of Sale”, and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.

Cooper Industries Inc.
Cooper Cruse-Hinds Pauluhn
1616 N. Main St., Pearland, TX - USA
Copyright © 2009, Cooper Industries, Inc